

**SYSTEM AND METHOD FOR ADJUSTING  
DELAY OF AN AUDIO SIGNAL**

5

**ABSTRACT OF THE DISCLOSURE**

A method for adjusting a time delay between a first audio signal and a second audio signal is disclosed. The method includes generating the first audio signal from a buffer as a first data stream and generating the second audio signal from the buffer as a second data stream after an initial time delay. The method further includes receiving the first data stream at a first sample rate converter at a first consumption rate and generating a first output data stream at an output sample rate. The second data stream is received at a second sample rate converter at a second consumption rate and the second sample rate converter generates a second output data stream at the output sample rate. One of the first and second consumption rates are changed so that the time delay between the first and second output data streams is adjusted over time from the initial time delay. A system for adjusting the time delay between a first audio signal and a second audio signal is also disclosed.

10  
15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100  
105  
110  
115  
120  
125  
130  
135  
140  
145  
150  
155  
160  
165  
170  
175  
180  
185  
190  
195  
200